

Appl. No. 09/660,162
Atty. Docket No. 7886
Amdt. dated December 11, 2003
Reply to Office Action of September 11, 2003
Customer No. 27752

AMENDMENTS TO THE CLAIMS

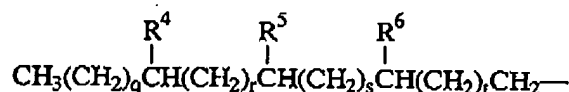
1. (currently amended) A capped poly(oxyalkylated) alcohol having the formula:



wherein, R is selected from the group consisting of linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic or aromatic hydrocarbon radicals having from about 1 to about 30 carbon atoms; R^1 may be the same or different, and is independently selected from the group consisting of branched or linear C_2 to C_7 alkylene in any given molecule; x is a number from 1 to about 30; and R^2 is selected from the group consisting of:

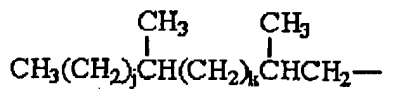
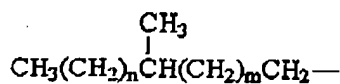
- (i) a 4 to 8 membered substituted, or unsubstituted heterocyclic ring containing from 1 to 3 hetero atoms; and
 - (ii) substituted or unsubstituted, partially unsaturated cyclic or aromatic hydrocarbon radicals having from about 4 to about 30 carbon atoms; and
 - (iii) 7 to 13 membered substituted, or unsubstituted polycyclic ring;
 - (iv) substituted or unsubstituted saturated cyclic hydrocarbon radical having from 5 to 30 carbon atoms, wherein when the cyclic hydrocarbon radical is an unsubstituted 6 carbon radical or a substituted 7 or 8 carbon radical, R is a linear or branched, saturated or unsaturated, substituted or unsubstituted aliphatic radical having from about 1 to about 5 carbon atoms; and
 - (v) substituted or unsubstituted saturated cyclic hydrocarbon radical having from 5 to 30 carbon atoms, wherein when the cyclic hydrocarbon radical is an unsubstituted cyclohexyl radical or a methyl or ethyl substituted cyclohexyl radical, R is a branched, saturated or unsaturated, substituted or unsubstituted aliphatic radical having from about 23 to about 30 carbon atoms[[:]].
2. (original) The compound as claimed in Claim 1 wherein R is a linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic hydrocarbon radical having from about 1 to about 20 carbon atoms.
3. (original) The compound as claimed in Claim 2 wherein R is a linear or branched, saturated, aliphatic hydrocarbon radicals having from about 4 to about 18 carbon atoms.
4. (original) The compound as claimed in Claim 1 wherein R has the formula:

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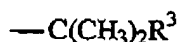
wherein R^4 , R^5 , and R^6 are each independently selected from hydrogen, C_1 - C_3 alkyl, and mixtures thereof, provided that R^4 , R^5 , and R^6 are not all hydrogen and, when t is 0, at least R^4 or R^5 is not hydrogen; q , r , s , t are each independently integers from 0 to 13.

5. (original) The compound as claimed in Claim 4 wherein R has the formula:



wherein n , m , j and k are each independently integers from 0 to 13.

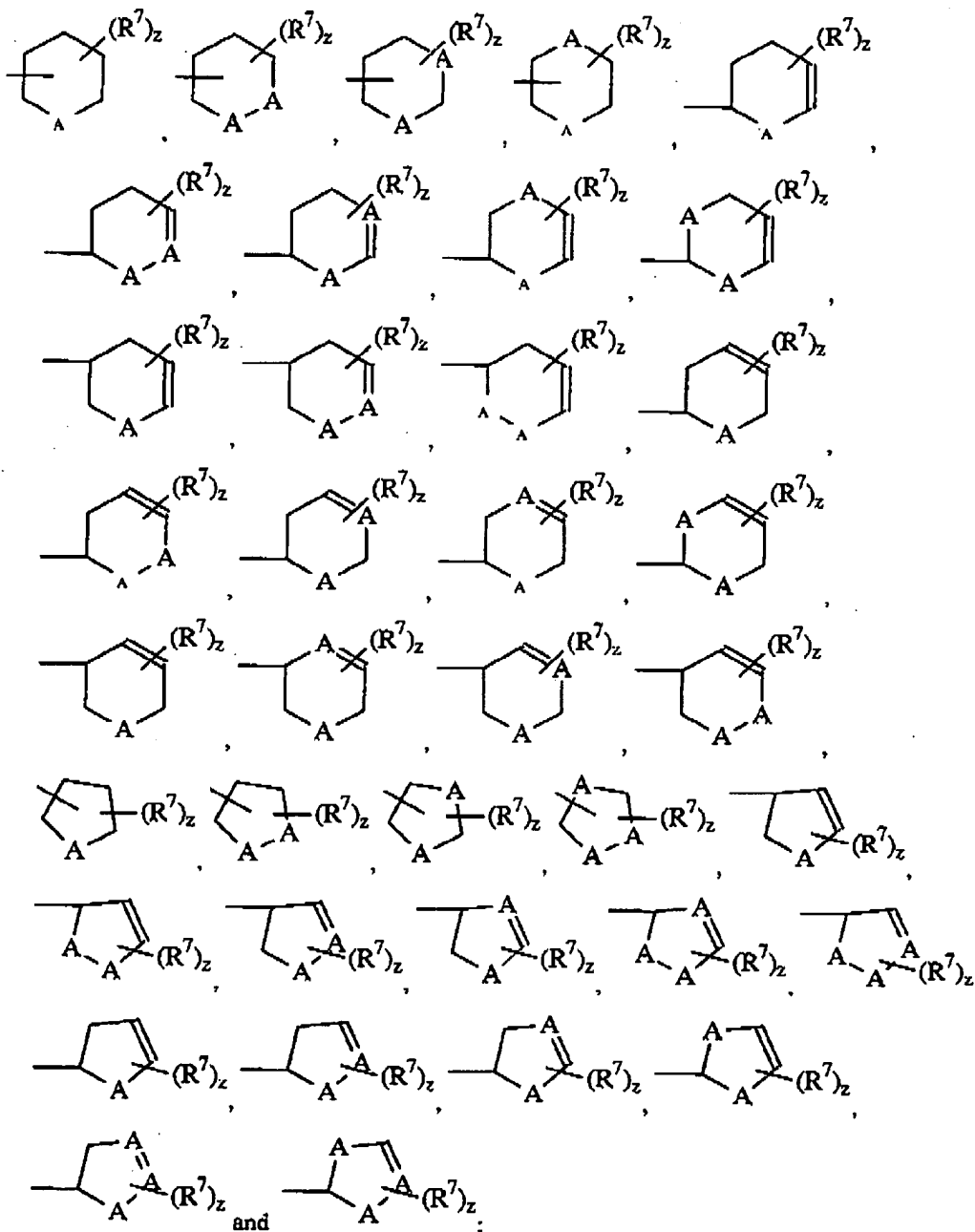
6. (previously presented) The compound as claimed in Claim 1 wherein R^2 is of the formula:



wherein R^3 is selected from the group consisting of substituted or unsubstituted aromatic hydrocarbon radicals having from about 6 to about 27 carbon atoms.

7. (canceled)
8. (previously presented) The compound as claimed in Claim 1 wherein R^2 is a 4 to 8 member substituted or unsubstituted heterocyclic ring containing from 1 to 3 hetero atoms.
9. (previously presented) The compound as claimed in Claim 8 wherein said substituted or unsubstituted heterocyclic ring is a 5 or 6 member heterocycle.
10. (previously presented) The compound as claimed in Claim 9 wherein said heterocycle is selected from the group consisting of:

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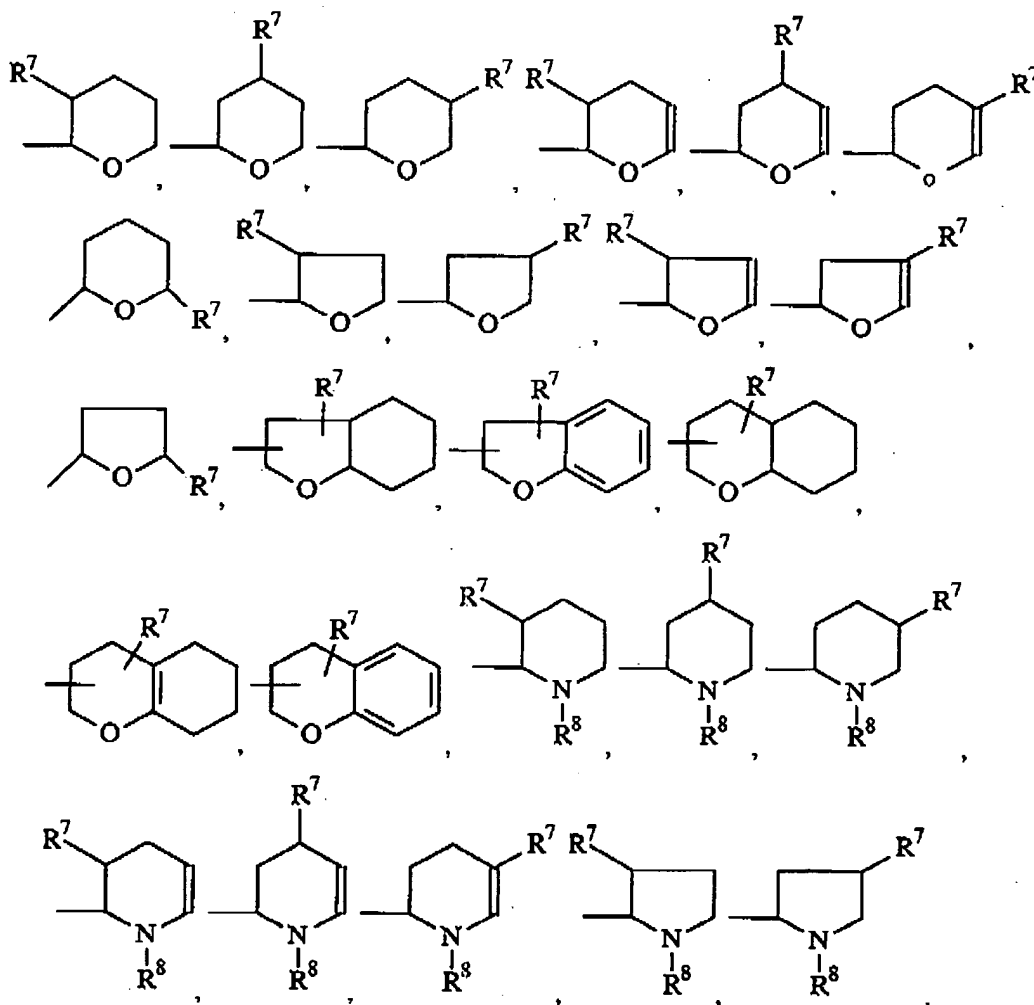


wherein each R^7 is independently selected from the group consisting of hydrogen, linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic hydrocarbon or alkoxy radical having from about 1 to about 10 carbon atoms, or R^7 is a saturated or unsaturated, substituted or unsubstituted, alicyclic or aromatic hydrocarbon or alkoxy radical having, from about 1 to about 10 carbon atoms, which is fused to the heterocyclic ring; each

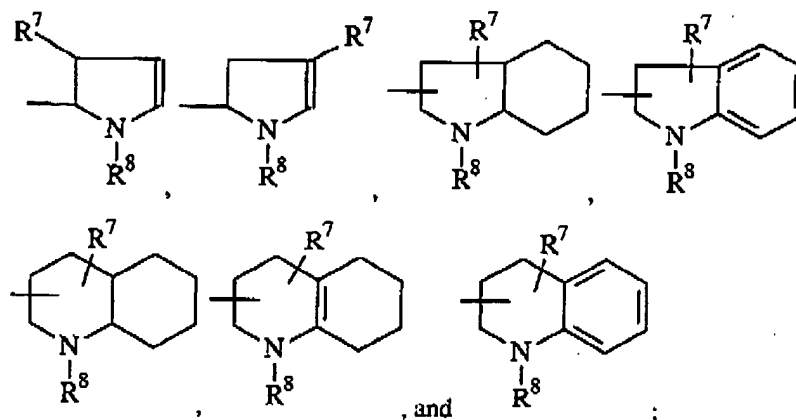
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A is independently selected from the group consisting of O, and $N(R^8)_a$, wherein R^8 is independently selected from the group consisting of hydrogen, linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic hydrocarbon radical having from about 1 to about 10 carbon atoms, and a is either 0 or 1; provided that any A that is bound by a double bond must be $N(R^8)_a$, wherein a = 0; z is an integer from 1 to 3.

11. (original) The compound as claimed in Claim 10 wherein said heterocycle is selected from the group consisting of:



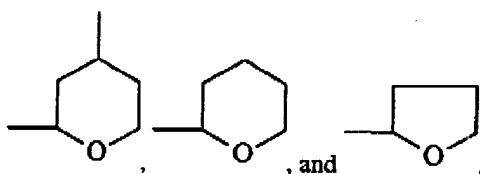
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wherein R^7 and R^8 are defined as above.

12. (original) The compound as claimed in Claim 1 wherein said ether-capped poly(oxyalkylated) alcohol contains a chiral center.

13. (original) The compound as claimed in Claim 11 wherein said heterocycle is selected from the group consisting of:

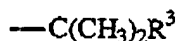


14. (original) The compound as claimed in Claim 1 wherein R^2 is a 7 to 13 membered substituted, or unsubstituted polycyclic ring.

15. (original) The compound as claimed in Claim 14 wherein R^2 is selected from the group consisting of substituted, or unsubstituted adamantane, substituted, or unsubstituted norbornane, substituted, or unsubstituted nortricyclene, and substituted, or unsubstituted bicyclo[2.2.2]octane.

16. (previously presented) The compound as claimed in Claim 1 wherein R is selected from the group consisting of linear or branched, aliphatic hydrocarbon radicals having from about 7 to about 11 carbon atoms; x is a number from 6 to about 10; and R^2 is selected from the group consisting of a hydrocarbon radical of the formula:

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wherein R^3 is selected from the group consisting of saturated or unsaturated, substituted or unsubstituted, cyclic aliphatic radicals having from about 5 to about 30 carbon atoms or substituted or unsubstituted aromatic hydrocarbon radicals having from about 6 to about 30 carbon atoms.

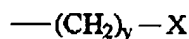
17. (previously presented) The compound as claimed in Claim 1 wherein R^2 is a hydrocarbon of the formula:



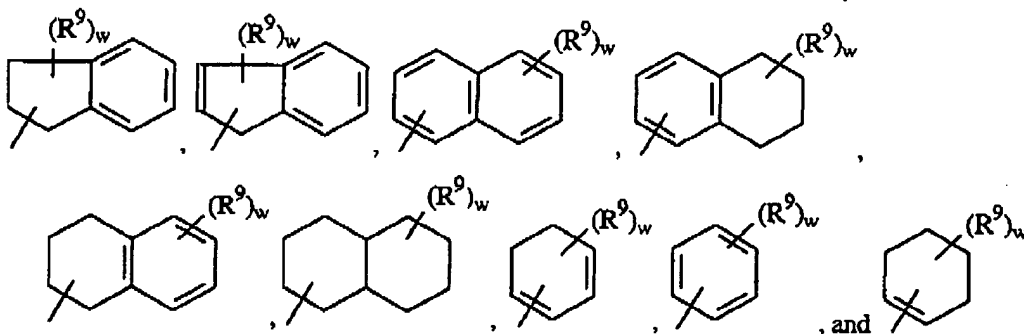
wherein, y is an integer from 1 to 7; and X , is a 4 to 8 membered substituted, or unsubstituted, partially unsaturated cyclic or aromatic hydrocarbon radical.

18. (previously presented) The compound as claimed in Claim 17 wherein y is from 1 to 7 and X , is a 5 or 6 membered substituted, or unsubstituted, saturated or unsaturated cyclic or aromatic hydrocarbon radical.

19. (previously presented) The compound as claimed in Claim 1 wherein R^2 is a hydrocarbon of the formula:



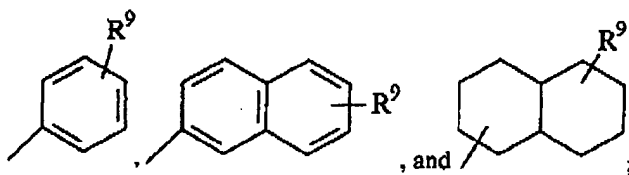
wherein, y is an integer from 0 to 7, and X is selected from the group consisting of:



wherein each R^9 is independently selected from the group consisting of hydrogen, linear or branched, saturated or unsaturated, substituted or unsubstituted, aliphatic hydrocarbon or alkoxy radical having from about 1 to about 10 carbon atoms, or R^9 is a saturated or unsaturated, substituted or unsubstituted, alicyclic or aromatic hydrocarbon radical having, from about 1 to about 10 carbon atoms, which is fused to the ring; w is an integer from 1 to 3.

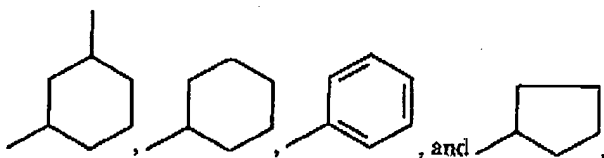
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20. (previously presented) The compound as claimed in Claim 19 wherein X is selected from the group consisting of:



wherein R^9 is defined as above.

21. (previously presented) The compound as claimed in Claim 18 wherein X is selected from the group consisting of:



22. (previously presented) The compound as claimed in Claim 1 wherein R is selected from the group consisting of linear or branched, aliphatic hydrocarbon radicals having from about 7 to about 11 carbon atoms; x is a number from 6 to about 10; and R^2 is selected from the group consisting of a hydrocarbon radical of the formula:



wherein y is from 1 to 7 and X, is a 5 or 6 membered substituted, or unsubstituted, saturated or unsaturated cyclic or aromatic hydrocarbon radical.

23. (previously presented) The compound as claimed in Claim 22 wherein X is selected from the group consisting of:

